

C6348988

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Sinclair®

Remington[®]

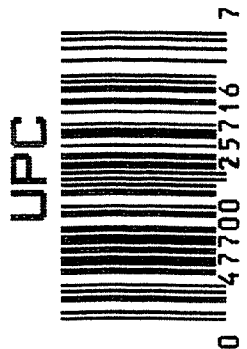
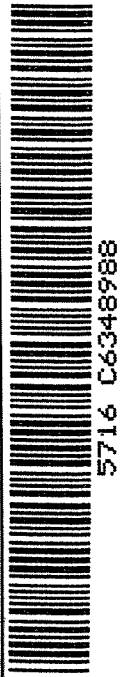
MODEL 700TM H24

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

DUPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.	C6348988
ORDER NO.	5716



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348988

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	50	RW
600	Proof	3 31	50	RW
607	Check Headspace	31	50	RW
610	Dis-assemble Gun	3 31	50	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		GL
617	Drill and Tap Sight Holes		4/4/90	FB
618	Polish Barrel RWB		4/5/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/26/90	GL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/26/90	RL
	G) Safety Off Force	3	3	3			4/26/90	RL
	H) Trigger Pull Test & Retainability						4/26/90	RL
	I) Firing Pin Indent	.0205	.020	.020			4/26/90	RL
	J) Assemble Stock						4/26/90	RL
	K) Assemble Swivel Studs						5/1/90	WB
	L) Attach Front and Rear Sight Assemblies						4/26/90	RL
	M) Iron Sight Alignment						4/26/90	RL
	N) Detach Front & Rear Sights & place in numbered container						4/26/90	RL
	O) Attach Scope to Rifle						4/26/90	RL
	P) Detach & Attach Scope 20 Times						4/26/90	RL
640	Gallery Target & Test						4-26-90	AC
	A) Time						4-26-90	AC
	B) Malfunctions						4-26-90	AC
	C) Pierced Primers						4-26-90	AC
	D) Optical Clarity of Scope						4-26-90	AC
645	Inspect for Live Ammo						4-26-90	AC
655	Final Inspection						5/1/90	WB
	A) Headspace							
	B) Trigger Pull	2.43	2.55	2.59	2.55	2.55	5/1/90	WB
	C) Function						5/1/90	WB
660	Pack						6/19/90	DA

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348988

DATE 4/25/90

TESTER 94

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.44	2.40	2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.43	2.45	2.55	
PULL #3	2.46	2.40	2.51	2.59	
PULL #4	2.48	2.41	2.51	2.55	
PULL #5	2.48	2.42	2.40	2.55	
TOTAL	12.43	12.10	12.27		
AVG.	2.486	2.42	2.454		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.54	3.40		
PULL #2	3.52	3.51		
PULL #3	3.51	3.43		
PULL #4	3.46	3.52		
PULL #5	3.37	3.41		
TOTAL	17.40	17.27		
AVG.	3.48	3.454		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.31		4.29
PULL #2	4.13	4.35		4.23
PULL #3	4.40	4.29		4.26
PULL #4	4.37	4.30		4.26
PULL #5	4.42	4.32		4.25
TOTAL	21.54	21.57		21.29
AVG.	4.308	4.314		4.258

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348988
26 Apr 1990

CENTROIDAL DISTANCES

0 TO	1	.208483
1 TO	2	.211559
1 TO	3	.178718
1 TO	4	.326098
1 TO	5	.3211

5
4
3
2
1
0
←----POA

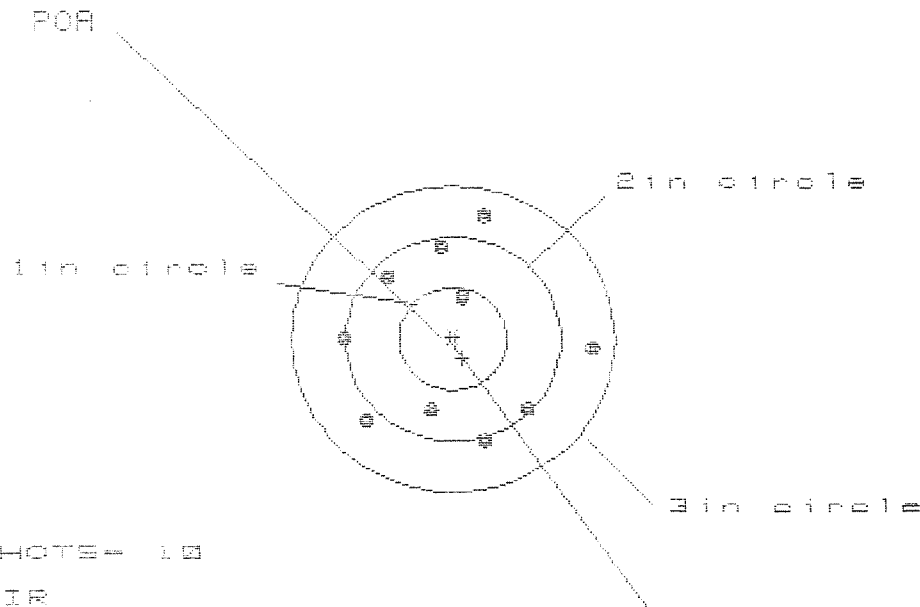
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0626
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2548
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .262377

THE AMR FOR THIS RIFLE IS: .901

26 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8348988

CENTERFIRE PATTERNS # 1



OF SHOTS = 10
IN CIR
1in = 1
2in = 6
3in = 10
H0 = 0.000
V0 = 2.200
G0 = 0.000

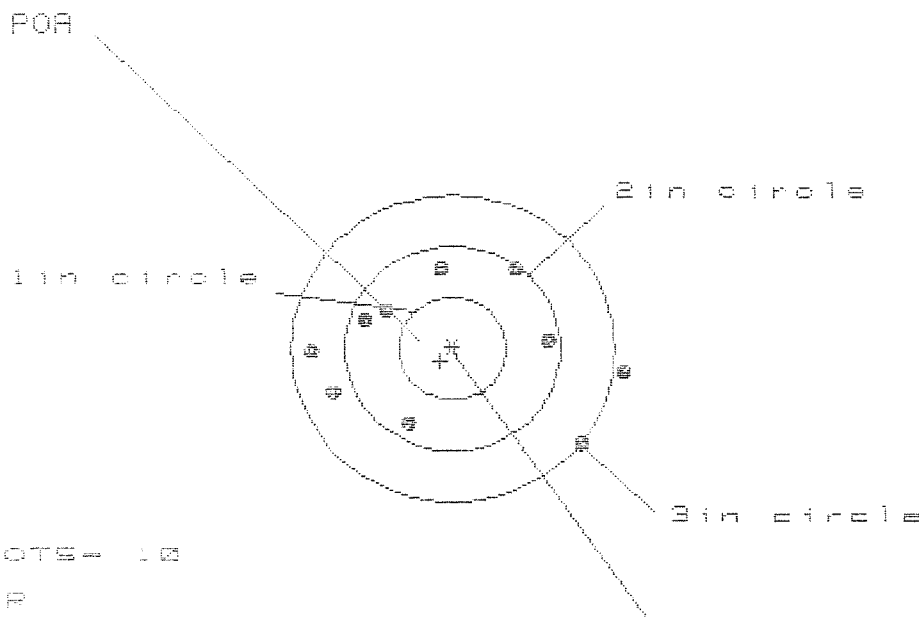
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.332	.855	.911
MINIMUM X	-.991	-.843	-.787
MAXIMUM Y	1.215	1.207	1.087
MINIMUM Y	-.985	-.993	-.842
CENTROID X	-.088	-.236	-.292
CENTROID Y	.189	.197	.046
POA TO CENTROID in.	.208	.387	.295
MIN RADIUS	.466	.503	.595
MEAN RADIUS	.975	.922	.867
MAX RADIUS	1.334	1.288	1.090
HORIZONTAL SPREAD	2.323	1.698	1.698
VERTICAL SPREAD	2.200	2.200	1.929
EXTREME SPREAD	2.325	2.301	1.969
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 10		

28 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/083489B8

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIP

1in = 0

2in = 5

3in = 9

HS= 2.878

VS= 1.666

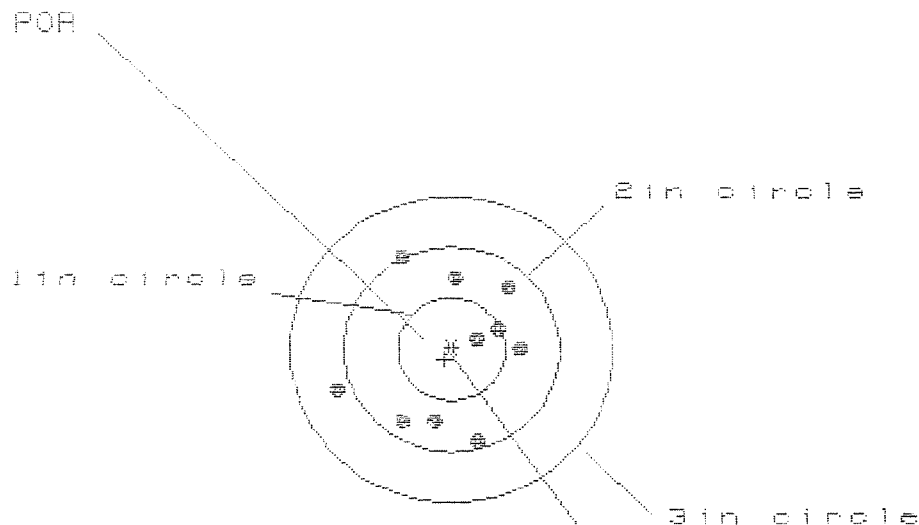
GS= 2.892

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.599	1.333	1.266
MINIMUM X	:	-1.279	-1.102	-.935
MAXIMUM Y	:	.774	.743	.628
MINIMUM Y	:	-.892	-.923	-.872
CENTROID X	:	.113	-.064	-.231
CENTROID Y	:	.123	.154	.269
POA TO CENTROID in.	:	.167	.167	.355
MIN RADIUS	:	.716	.559	.360
MEAN RADIUS	:	1.066	.972	.842
MAX RADIUS	:	1.622	1.622	1.271
HORIZONTAL SPREAD	:	2.878	2.435	2.201
VERTICAL SPREAD	:	1.666	1.666	1.500
EXTREME SPREAD	:	2.892	2.598	2.201
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

26 Apr 1998

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 9

3in = 10

HS = 1.650

VS = 1.737

GS = 1.881

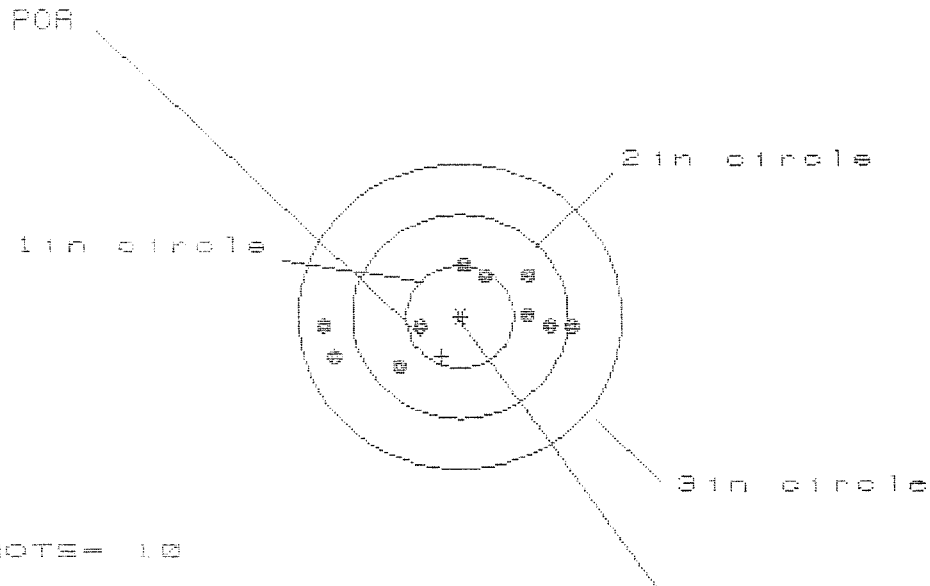
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.594	.477	.405
MINIMUM X	-1.056	-.574	-.635
MAXIMUM Y	.883	.844	.813
MINIMUM Y	-.854	-.893	-.787
CENTROID X	.064	.181	.253
CENTROID Y	.095	.134	.028
POB TO CENTROID in.	.114	.225	.255
MIN RADIUS	.266	.143	.141
MEAN RADIUS	.741	.668	.612
MAX RADIUS	1.113	1.021	.903
HORIZONTAL SPREAD	1.650	1.051	1.040
VERTICAL SPREAD	1.737	1.737	1.600
EXTREME SPREAD	1.881	1.881	1.633
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

26 Apr 1998

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CENTERFIRE PATTERNS # 4



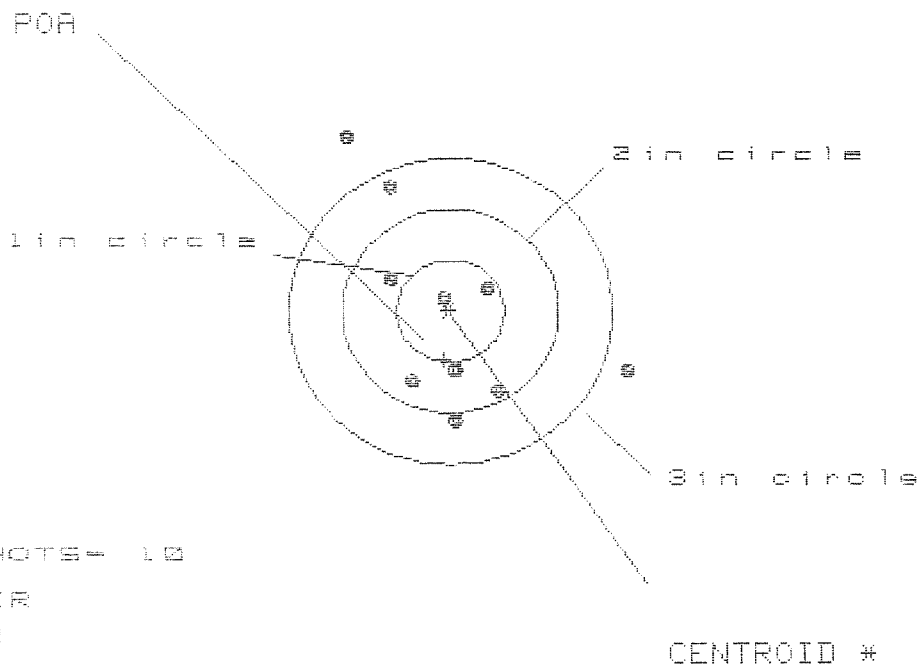
OF SHOTS = 10
 # IN CIR
 1in = 3
 2in = 7
 3in = 10
 HG = 2.271
 VG = .952
 CG = 2.272

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.050	.918	.749
MINIMUM X	-1.221	-1.353	-.913
MAXIMUM Y	.472	.430	.415
MINIMUM Y	-.480	-.522	-.537
CENTROID X	.168	.300	.469
CENTROID Y	.391	.433	.448
POA TO CENTROID in.	.426	.527	.649
MIN RADIUS	.401	.346	.320
MEAN RADIUS	.779	.700	.581
MAX RADIUS	1.245	1.358	1.059
HORIZONTAL SPREAD	2.271	2.271	1.662
VERTICAL SPREAD	.952	.952	.952
EXTREME SPREAD	2.272	2.272	1.699
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	10	

26 Apr 1998

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.555

VS= 2.782

GS= 3.411

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.636	1.534	.494
MINIMUM X	-.919	-.639	-.447
MAXIMUM Y	1.722	1.369	1.326
MINIMUM Y	-1.060	-.869	-.912
CENTROID X	.056	.158	-.034
CENTROID Y	.476	.285	.328
POA TO CENTROID in.	.479	.326	.330
MIN RADIUS	.140	.356	.283
MEAN RADIUS	.944	.820	.712
MAX RADIUS	1.952	1.573	1.396
HORIZONTAL SPREAD	2.555	2.173	.941
VERTICAL SPREAD	2.782	2.238	2.238
EXTREME SPREAD	3.411	2.761	2.384
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	